



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/659,326A
Source: IFWO
Date Processed by STIC: 1/20/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT

MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221

Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER
VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebe/efs/downloads/documents.htm>), EFS Submission User Manual - cPAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/03):
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two,
2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office,
Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03



IFWO

RAW SEQUENCE LISTING

DATE: 01/20/2004

PATENT APPLICATION: US/10/659,326A

TIME: 11:08:37

Input Set : A:\NANJ-0009-1 Substitute Sequence Listing.asc

Output Set: N:\CRF4\01202004\J659326A.raw

4 <110> APPLICANT: Satoshi Harashima
 5 Yoshinobu Kaneko
 6 Minetaka Sugiyama
 W--> 7 <120> TITLE OF INVENTION: Method for modifying chromosomes
 W--> 8 <130> FILE REFERENCE: NANJ-0009-1
 W--> 9 <140> CURRENT APPLICATION NUMBER: US/10/659,326A
 C--> 10 <141> CURRENT FILING DATE: 2003-09-11
 11 <150> PRIOR APPLICATION NUMBER: Japanese Patent Application No. 2002-339259
 W--> 12 <151> PRIOR FILING DATE: November 22, 2002
 W--> 13 <160> NUMBER OF SEQ ID: 20

ERRORED SEQUENCES

55 <210> SEQ ID NO: 6
 56 <211> LENGTH: 56
 57 <212> TYPE: DNA
 W--> 58 <220> FEATURE: Feature
 W--> 58 <220> FEATURE: Feature
 59 <223> OTHER INFORMATION: Other Information: Artificial sequence is a primer.
 E--> 60 <213> ORGANISM:
 W--> 60 <400> SEQUENCE: 6
 61 ccccaaccac aaccccaacc ccaaccccaa cccaatcgga ggctgacggt atcgat 56
 105 <210> SEQ ID NO: 12
 106 <211> LENGTH: 19 29 Found
 107 <212> TYPE: DNA
 108 <213> ORGANISM: Artificial Sequence
 W--> 109 <220> FEATURE: Feature
 W--> 109 <220> FEATURE: Feature
 110 <223> OTHER INFORMATION: Other Information: Artificial sequence is a primer.
 W--> 111 <400> SEQUENCE: 12
 E--> 112 ctctctgacg gccattctca tgaagaata 19
 113 <210> SEQ ID NO: 13
 114 <211> LENGTH: 19 29 Found
 115 <212> TYPE: DNA
 116 <213> ORGANISM: Artificial Sequence
 W--> 117 <220> FEATURE: Feature
 W--> 117 <220> FEATURE: Feature
 118 <223> OTHER INFORMATION: Other Information: Artificial sequence is a primer.
 W--> 119 <400> SEQUENCE: 13
 E--> 120 ctctctgagat ctaagagggtg atacttatt 19

Does Not Comply
 Corrected Diskette Needed
 (ps. 1-3)

Please do not
 include any
 alphabetical
 headings.

The type of errors shown exist throughout
 the Sequence Listing. Please check subsequent
 sequences for similar errors.

VERIFICATION SUMMARY

DATE: 01/20/2004

PATENT APPLICATION: US/10/659,326A

TIME: 11:08:38

Input Set : A:\NANJ-0009-1 Substitute Sequence Listing.asc

Output Set: N:\CRF4\01202004\J659326A.raw

L:7 M:283 W: Missing Blank Line separator, <120> field identifier
 L:8 M:283 W: Missing Blank Line separator, <130> field identifier
 L:9 M:283 W: Missing Blank Line separator, <140> field identifier
 L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
 L:12 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
 L:13 M:283 W: Missing Blank Line separator, <160> field identifier
 L:14 M:283 W: Missing Blank Line separator, <210> field identifier
 L:18 M:283 W: Missing Blank Line separator, <220> field identifier
 L:18 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
 L:20 M:283 W: Missing Blank Line separator, <400> field identifier
 L:26 M:283 W: Missing Blank Line separator, <220> field identifier
 L:26 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
 L:28 M:283 W: Missing Blank Line separator, <400> field identifier
 L:34 M:283 W: Missing Blank Line separator, <220> field identifier
 L:34 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
 L:36 M:283 W: Missing Blank Line separator, <400> field identifier
 L:42 M:283 W: Missing Blank Line separator, <220> field identifier
 L:42 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
 L:44 M:283 W: Missing Blank Line separator, <400> field identifier
 L:50 M:283 W: Missing Blank Line separator, <220> field identifier
 L:50 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
 L:52 M:283 W: Missing Blank Line separator, <400> field identifier
 L:58 M:283 W: Missing Blank Line separator, <220> field identifier
 L:58 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
 L:60 M:282 E: Numeric Field Identifier Missing, <213> is required.
 L:60 M:283 W: Missing Blank Line separator, <400> field identifier
 L:66 M:283 W: Missing Blank Line separator, <220> field identifier
 L:66 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
 L:68 M:283 W: Missing Blank Line separator, <400> field identifier
 L:75 M:283 W: Missing Blank Line separator, <220> field identifier
 L:75 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
 L:77 M:283 W: Missing Blank Line separator, <400> field identifier
 L:84 M:283 W: Missing Blank Line separator, <220> field identifier
 L:84 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
 L:86 M:283 W: Missing Blank Line separator, <400> field identifier
 L:93 M:283 W: Missing Blank Line separator, <220> field identifier
 L:93 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
 L:95 M:283 W: Missing Blank Line separator, <400> field identifier
 L:101 M:283 W: Missing Blank Line separator, <220> field identifier
 L:101 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
 L:103 M:283 W: Missing Blank Line separator, <400> field identifier
 L:109 M:283 W: Missing Blank Line separator, <220> field identifier
 L:109 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
 L:111 M:283 W: Missing Blank Line separator, <400> field identifier
 L:112 M:254 E: No. of Bases conflict, LENGTH:Input:19 Counted:29 SEQ:12
 L:112 M:252 E: No. of Seq. differs, <211> LENGTH:Input:19 Found:29 SEQ:12
 L:117 M:283 W: Missing Blank Line separator, <220> field identifier
 L:117 M:256 W: Invalid Numeric Header Field, <220> has non-blank data

VERIFICATION SUMMARY

DATE: 01/20/2004

PATENT APPLICATION: US/10/659,326A

TIME: 11:08:38

Input Set : A:\NANJ-0009-1 Substitute Sequence Listing.asc

Output Set: N:\CRF4\01202004\J659326A.raw

L:119 M:283 W: Missing Blank Line separator, <400> field identifier
L:120 M:254 E: No. of Bases conflict, LENGTH:Input:19 Counted:29 SEQ:13 ✓
L:120 M:252 E: No. of Seq. differs, <211> LENGTH:Input:19 Found:29 SEQ:13 ✓
L:125 M:283 W: Missing Blank Line separator, <220> field identifier
L:125 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:127 M:283 W: Missing Blank Line separator, <400> field identifier
L:134 M:283 W: Missing Blank Line separator, <220> field identifier
L:134 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:136 M:283 W: Missing Blank Line separator, <400> field identifier
L:143 M:283 W: Missing Blank Line separator, <220> field identifier
L:143 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:145 M:283 W: Missing Blank Line separator, <400> field identifier
L:152 M:283 W: Missing Blank Line separator, <220> field identifier
L:152 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:154 M:283 W: Missing Blank Line separator, <400> field identifier
L:161 M:283 W: Missing Blank Line separator, <220> field identifier
L:161 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:163 M:283 W: Missing Blank Line separator, <400> field identifier
L:170 M:283 W: Missing Blank Line separator, <220> field identifier
L:170 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:172 M:283 W: Missing Blank Line separator, <400> field identifier
L:179 M:283 W: Missing Blank Line separator, <220> field identifier
L:179 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:181 M:283 W: Missing Blank Line separator, <400> field identifier